

1

~~SECRET~~
CONFIDENTIAL

5 June 1958

MEMORANDUM TO : DEPUTY DIRECTOR OF SECURITY (PPS)
ATTENTION : CHIEF, TECHNICAL BRANCH/OS
SUBJECT : Wire Analyzer
REFERENCE : Memo dtd 9 June 58 to C/TSS fm DDS (PPS) same subject

1. The attached proposal for your approval and funding describes the time and cost involved in the production of 30 additional Wire Analyzer units. This proposal has been obtained in accordance with your requirements stated in the above referenced memo.

2. There are certain features concerning this proposal and the Wire Analyzer, as such, that should be mutually agreed upon. They are as follows:

(a) Extensive field testing of the present Wire Analyzer has not been conducted. Limited laboratory tests and field evaluations have indicated that the unit has promise when used as a piece of test equipment.

25X1

(b) On the basis of the limited tests as mentioned in (a) above the following specifications have been placed on the unit:

1. Oscillator output
2. AC voltmeter sensitivity
3. DC voltmeter range
4. AC and DC milliammeter ranges
5. Oscillator frequency range
6. Variable power supply voltage range, load capacity and regulation.

These specifications may or may not prove satisfactory after extensive field evaluation has been completed.

(c) Although the proposal includes mechanical and structural improvements over the present model, the unit will remain a relatively fragile piece of test equipment and must be handled accordingly. Any planned field usage of the proposed 30 units must be such that reasonable handling can be assured.

25X1

(d) It is understood/

~~SECRET~~
CONFIDENTIAL

~~SECRET~~

- 2 -

Memo dtd 9 June 58 to DDS (PPS)
Subject: Wire Analyzer

CONFIDENTIAL

- (d) It is understood by all concerned that certain minor modifications should be done to the unit, such as: Knob changes, additional fusing, additional ventilation, additional securing of the line cord and wire shielding within the VTVM.

3. It is recognized by all concerned that the price quoted for the additional 30 units is roughly \$100 more per unit than the cost of the first six units. This is primarily due to the fact that the contractor under bid on the first six units. The contractor was also requested during the construction of the initial units to include additional features without any increase in unit cost. In addition, the proposed 30 units will contain the improvements as mentioned in the proposal as well as the minor changes mentioned in paragraph (d) above. Considering the above and the time involved, the cost appears to be very reasonable.

4. It should be understood that the proposed Wire Analyzers are not being considered as a final answer to the problem of wire search. The present Wire Analyzer should be used only as an aid and a test instrument to obtain field data and evaluation concerning its usefulness. In addition, the present Analyzer is intended for use by semi-skilled personnel.

25X1

5. With the foregoing limitations in mind, approval of the attached proposal is hereby acknowledged.

6. It is our understanding that technical monitoring of the proposed production will be handled by a representative of APD.

25X1

25X1

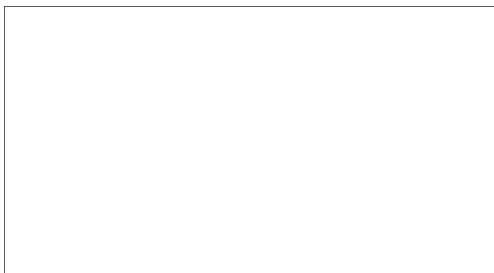
CONFIDENTIAL

~~SECRET~~

~~SECRET~~

- 3 - **CONFIDENTIAL**

Memo dtd 9 June 58 to DDS (PPS)
Subject: Wire Analyzer



25X1

CONFIDENTIAL

~~SECRET~~